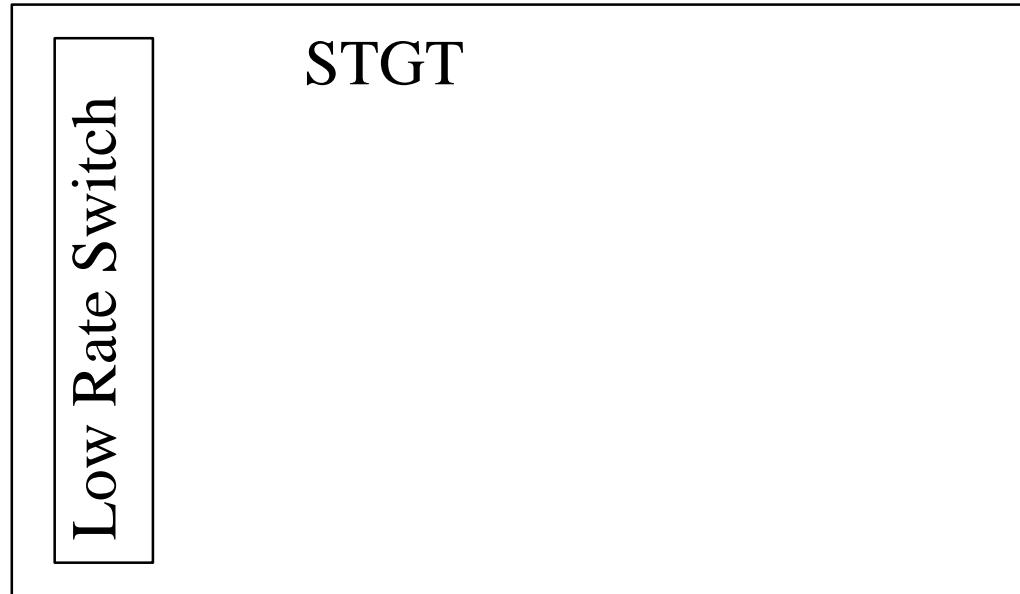
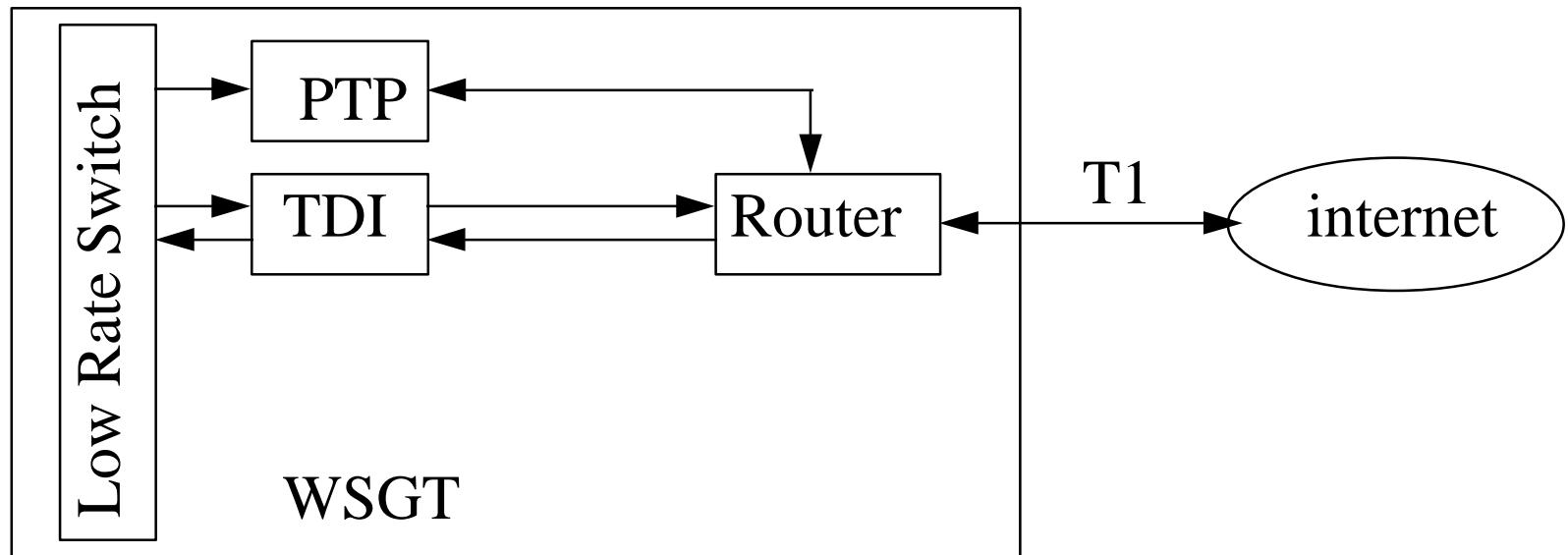
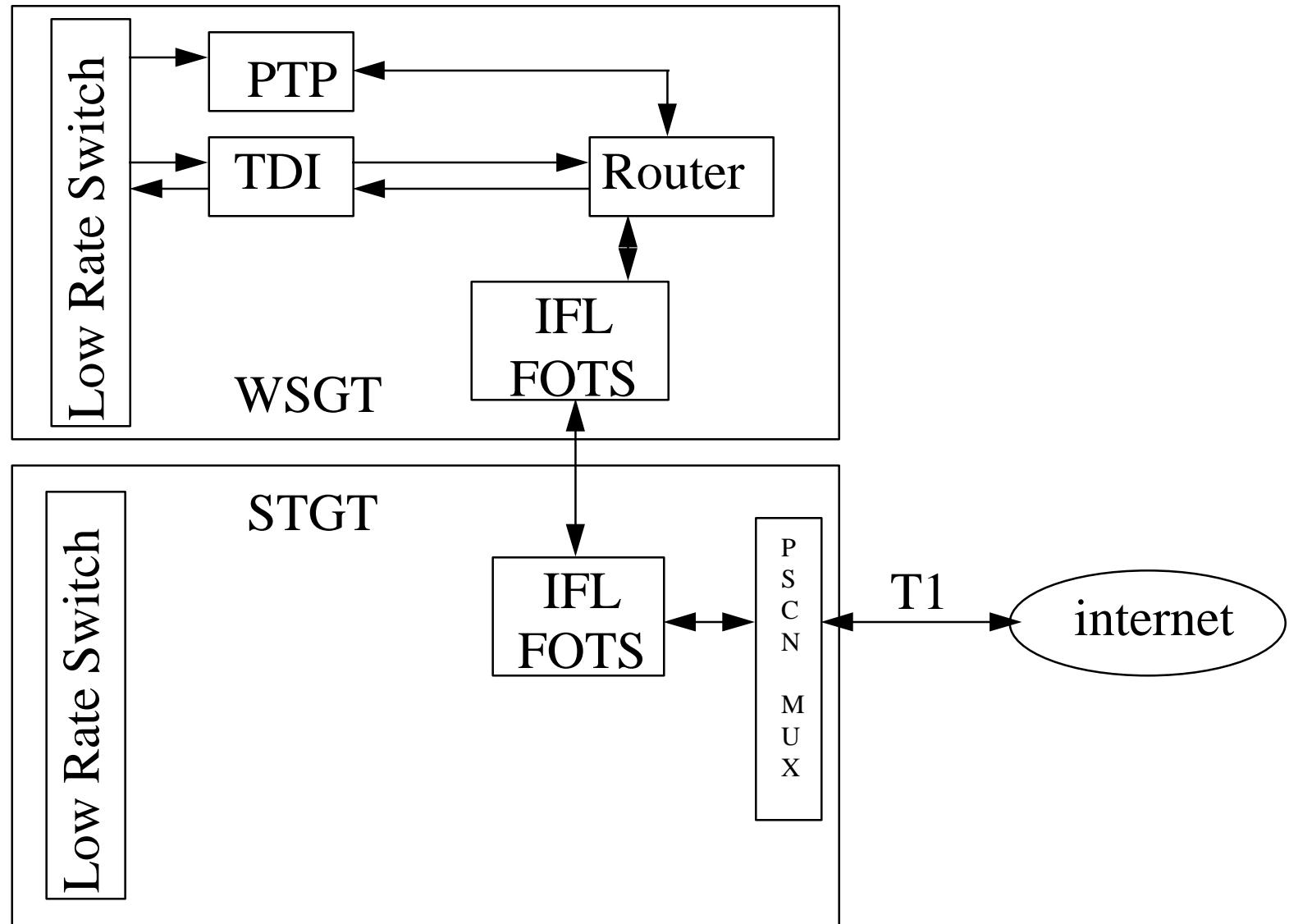


TDRSS Internet Connection

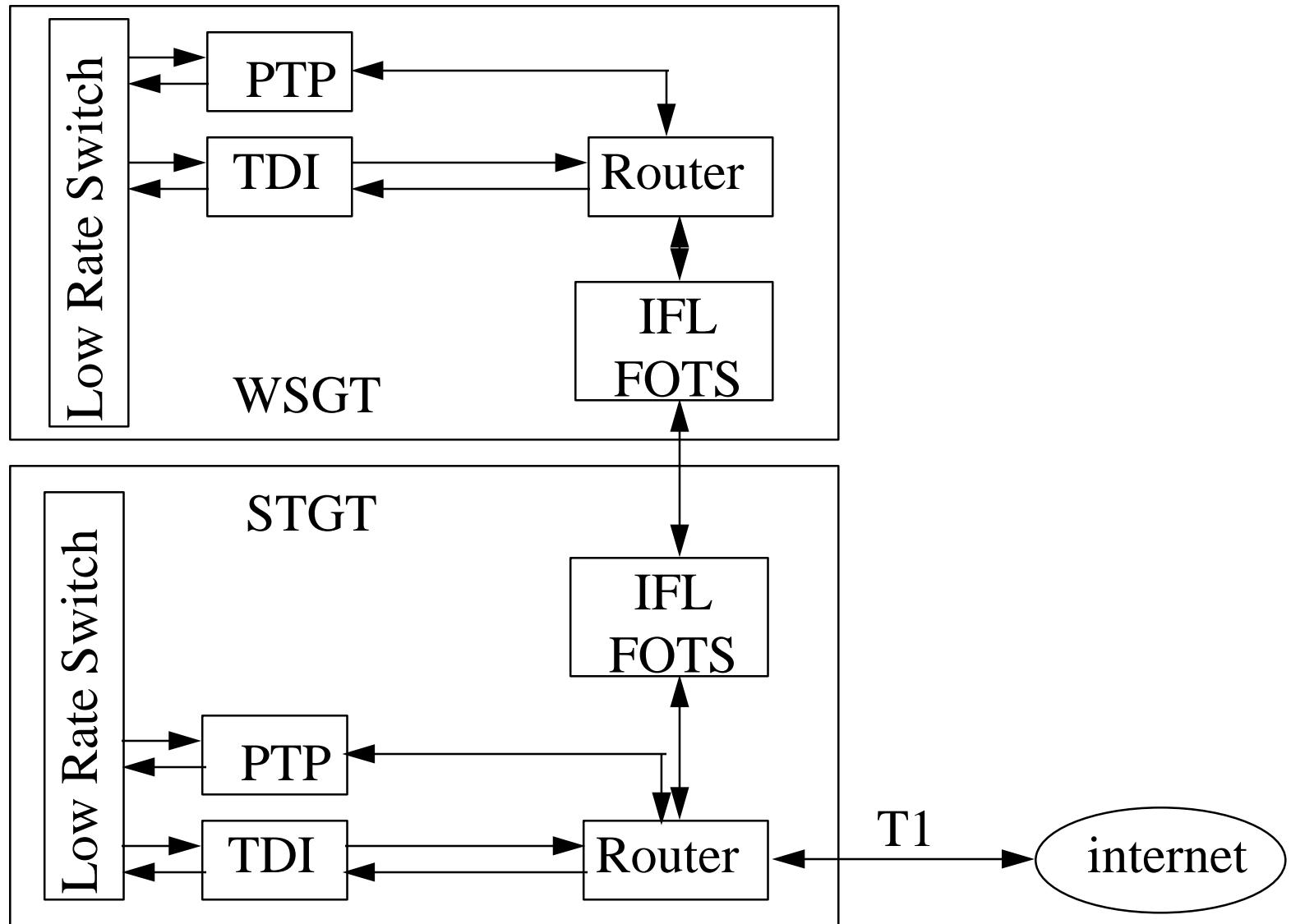
Phase I (SPTR) - Option 1



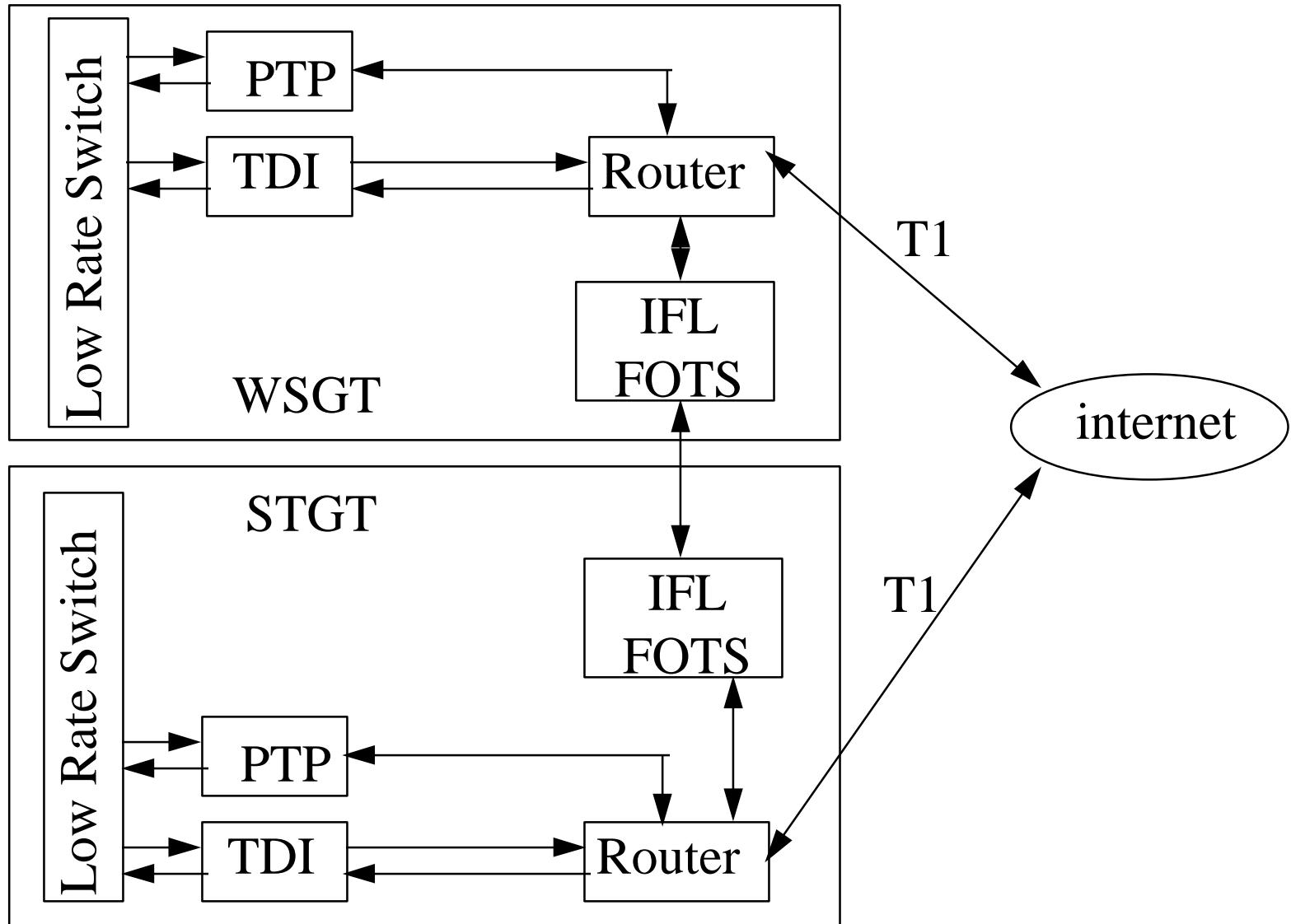
TDRSS Internet Connection Phase I (S PTR) - Option 2



TDRSS Internet Connection Phase II (SPTR, DAS, +?)



TDRSS Internet Connection Phase III (SPTR, DAS, +?)



TDRSS Internet Connection - Summary Costs

	WSGT Connected	STGT Connected	IFL Used	#Sets of S PTR H/W	#T1 Lines	Installation Costs	Recurring Costs \$/Yr
Phase I - Option 1	YES	NO	NO	1	1	28.3	48.0
Phase I - Option 2	YES	NO	YES	1	1	32.1	36.0
Phase II	YES	YES	YES	2	1	58.4	36.0
Phase III	YES	YES	YES	2	2	59.6	84.0
<hr/>							
Phase I - Option 1	\$Installation	\$Recurring					
TDI	8.0	0.0					
PTP	15.0	0.0					
Router	3.3	0.0					
FOTS	0.0	0.0					
T1 Lines	2.0	4.0					
Total	28.3	4.0					
<hr/>							
Phase I - Option 2	\$Installation	\$Recurring					
TDI	8.0	0.0					
PTP	15.0	0.0					
Router	3.3	0.0					
FOTS	5.0	0.0					
T1 Lines	0.8	3.0					
Total	32.1	3.0					
<hr/>							
Phase II	\$Installation	\$Recurring					
TDI	16.0	0.0					
PTP	30.0	0.0					
Router	6.6	0.0					
FOTS	5.0	0.0					
T1 Lines	0.8	3.0					
Total	58.4	3.0					
<hr/>							
Phase III	\$Installation	\$Recurring					
TDI	16.0	0.0					
PTP	30.0	0.0					
Router	6.6	0.0					
FOTS	5.0	0.0					
T1 Lines	2.0	7.0					
Total	59.6	7.0					

Notes:

1. Phase I is sufficient for current S PTR requirements.
2. DAS will require additional Local Interface ports.
3. S PTR will use PTP PCs for R/L only
4. T1 Costs are best estimates